

**Amendments to the Specification:**

Please replace ¶[0026] with the following amended paragraph:

[0026] FIG. 2 is a simplified side-view diagram of a tunable sensing device according to an embodiment of the present invention. This diagram is merely an example, which should not unduly limit the scope of the claims herein. One of ordinary skill in the art would recognize many variations, alternatives, and modifications. As shown, the present invention provides an integrated tunable sensing apparatus 200 for electromagnetic radiation, e.g., infrared. The apparatus has a substrate [[219]] 208, which has a backside and a face. The terms "backside" and "face" have no specific orientation relative to gravity or other reference direction. The substrate can be made of a suitable material, e.g., silicon. Other materials can also be used for the substrate. The substrate can also include an anti-reflection coating 205, which can be deposited, sputtered, etc. The coating can be a single layer or multiple layers. Infrared radiation 219 enters through the backside, as shown.